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### Solar Silo

This silo is made up of small crystals that redirects light into a storage system at the base. Pictured on far left is the electrical box.

Reprinted photo by Stan McCarley

## Meyer Uses Sun, Air, Water to Power Car and Home

By STAN MCCARLEY

A car that runs on water! Not only possible but probable. Stanley Meyer has come up with a series of inventions, including a revolutionary hydrogen generator system that when fitted to an ordinary automobile will allow it to run on water.

And this is just the latest in a long-line of discoveries for Meyer.

Since 1976 he has been working on "an independent energy source."

Now he has completed a system that will produce total electricity plus heat for a hot water tank at the home of Bud and Valerie Hughes, 2222 Marlane Drive.

The system is an integrated design, using many parts working together, plus the resources of sun, air and water.

The basic system breaks water into components hydrogen and oxygen, then renders the hydrogen gas safer than natural gas.

In building the energy system Meyer invented some amazing new devices which also led to discovery of the water-powered car concept.

Meyer came up with a new steam engine which has a linear-torque capacity and only one moving part, making it very efficient.

A conventional combustion engine must be replaced about every three months, Meyer said. With his steam engine the hope is for 20 years of problem free service.

Meyer also came up with a solar storage system that has no moving parts and an efficient electric power delivery system.

Two of Meyer's most important inventions were the hydrogen generator system that converts water into hydrogen and oxygen gases and then a hydrogen airdition process that makes the hydrogen gas safe to use.

"With the old hydrogen system the cost for one million BTU's of energy would be \$15 to \$20," Meyer said.

"We can produce one million for one one thousandth of one cent," he added. Meyer has patents for his inventions which he says proves two things. "It shows we have what we say we have and that we own and control the technology."

In this case Meyer has had the help of the United States government. "The President has issued a statement that says anyone working on new energy systems gets priority treatment from the U.S. patent office," Meyer explains.

One aspect that Meyer constantly emphasizes is that his system can be implemented very quickly should the energy situation get worse.

"Every aspect is based on proven technology, it is different, but proven," Meyer said. "We are designing for mass production. Now, there will be no time delay. The system can go right to the people," he added.

All of these inventions led to his current brainchild, a car run by water. The unit, when mass produced, will cost about \$350 in kit form.

Meyer is extremely excited about his inventions because of a race coming up October 17th.

The "Future Fuels Challenge Rally" which will run from Los Angeles to Rochester, N.Y., will award \$25,000 to the contestant who uses the least amount of gasoline and money spent on fuel.

Some of the other entries include a tank truck burning animal and plant wastes, and a BMW juiced on prunes and dates.

Meyer believes he has a good chance of winning, after all what could be cheaper than water and air.

But Meyer is not entering the contest just for the money, which he said would

help. "Our purpose is twofold. One is to demonstrate the fact that we have a car that runs on water," Meyer said. Secondly is communication. "If 200 million people know what we're doing it guarantees us a market place."

Meyer does need support from the community though. Many people have helped him work on his inventions. They are the "weekend warriors" Meyer says.

But what Meyer needs now is sponsors for the race, so that he can enter it and ultimately finish the race. Anyone interested in helping Meyer's cause should contact him at the Hughes home, 2222 Marlane.

Many people, including businessmen thought that Meyer would never finish what he started, that he would give up. He hasn't.

His opponents have also tried to buy him out, offering a reported \$250 million for his patent rights. But Meyer will not give up control of his inventions.

Meyer said that although there has been some opposition the help that he has received, from businesses that have donated materials and the weekend warriors has far outweighed the opposition.

Meyer's selfish purpose is to introduce an energy system that will take control away from imported oil interests and give it back to this country.

Meyer's background includes studying optics engineering, electronics and mechanics at the U.S. Army Engineering College in Washington D.C. and later an electronics technician for a Battelle Institute affiliate company.

He also ran a family business that for a while was netting him \$1 million a year profit.

But then in 1975 he did an analysis of the energy problems in this country

He saw problems developing.

Now 57 percent of all oil is imported, most of it from Arab countries. In 1980-81 the United States will pay \$200 billion for energy, Meyer says. The U.S. cannot support that kind of expenditure, he adds.

Meyer believes that "if you can take over the energy base of a country you can take over that country without firing a shot. That's why we're putting it (the system) in."

Meyer has moved for speed in implementation, efficiency, and low cost.

"Ordinarily it would take industry 10 to 15 years to develop one single product," Meyer said. "It took us four years to develop many major components."

The system is so designed that it can be used in private and industrial areas.

"We have solved tremendous mass production costs," Meyer said. "We solved one problem that would have cost industry about \$500 million to solve. We solved it for \$746."

Other benefits of Meyer's work include processes for desulfurizing and demetalizing coal. A big help for the Ohio coal industry.

Meyer's inventions also have unlimited potential, low power to create tremendous energy, even for space travel.

Further adaptation of his steam engine could be used to recover oil that had cost too much to recover by secondary systems.

The system will also cut down on pollution created by industry, Meyer said.

Meyer believes all his inventions were divinely inspired, which is one reason why he refuses to sell them.

He has made a commitment to God and himself to introduce an efficient energy system into this country and to make it work.

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